

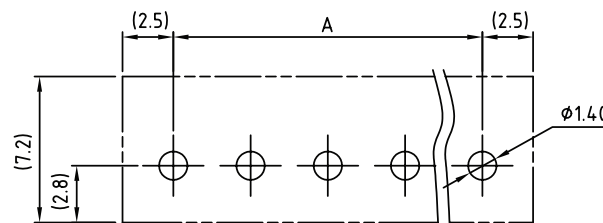
1

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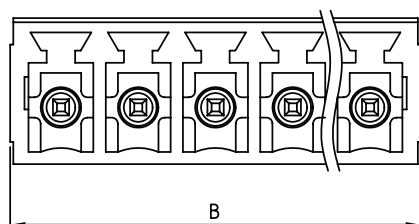
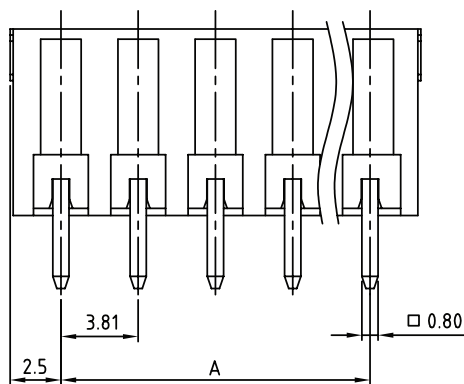
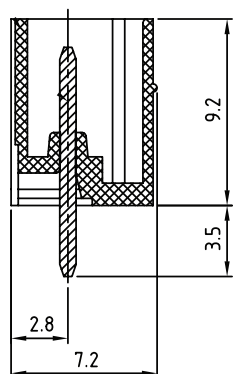
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RECOMMENDED PCB LAYOUT




## TECHNICAL CHARACTERISTICS

MATERIAL  
 INSULATOR: PA66  
 FLAMMABILITY RATING: UL94-V0  
 COLOR: GREEN  
 CONTACT PIN: BRASS (CuZn)  
 SOLDER TAIL PLATING: TIN

ENVIRONMENTAL  
 OPERATING TEMPERATURE: -40 UP TO 105°C  
 COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL	cULus	VDE
CURRENT RATING:	10 A	10.5 A
WORKING VOLTAGE:	300 VAC	300 VAC
WITHSTANDING VOLTAGE:	1.6 KV	2.5 KV
CONTACT RESISTANCE:	20 mOhm MAX	

## STANDARD

 CERTIFIED E315414  
 CERTIFIED 40023195

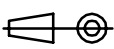

MECHANICAL  
 PITCH: 3.81 MM

SOLDERING  
 JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING  
 BOX

DIMENSION  
 A = (NB. PINS -1) x PITCH  
 B = ((NB. PINS -1) x PITCH) +5

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = $\pm 0.2$ .XX = $\pm 0.15$	
F						
E						
D	07-APR-16	DRAWING	AK			
C	12-OCT-09	STANDARD	JP			
B	29-OCT-08	CHARACTERISTICS	JP	APPROVAL: FBr	UNIT: MM	DESCRIPTION: SERIE 321 - 3.81MM VERTICAL PCB HEADERS WR-TBL
A	31-OCT-07	PDF	EC		SCALE:	WERI PART NO: 691 321 300 0xx
REV	DATE	FILE	BY		SHEET: 1/2	
					DRAW: MARVIN	

1

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## Cautions and Warnings:

This electronic component is designed and developed with the intention for use in general electronics equipments.

Before incorporating the components into any equipments in the field such as aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transportation signal, disaster prevention, medical, public information network etc. where higher safety and reliability are especially required or if there is possibility of direct damage or injury to human body, Würth Elektronik must be asked for a written approval.

In addition, even electronic component in general electronic equipments, when used in electrical circuits that require high safety, reliability functions or performance, the sufficient reliability evaluation-check for the safety must be performed before by the user before usage.

A

B

C

RoHS Compliant

G				PROJECTION: 	GENERAL TOLERANCE .X = +/- 0.2 .XX = +/- 0.15		
F							
E							
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE <b>A4</b>
B					SCALE:		
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

D

# Mouser Electronics

Authorized Distributor

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